

Sheet 1 of 1

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1594.1292	APPLICATION NO. 10/687,603
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		FIRST NAMED INVENTOR Dae-Sung HAN et al.	
		FILING DATE October 20, 2003	GROUP ART UNIT 1761

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
JP	AA	3,371,659	03/05/1968	Paspalas, Tom S.			
	AB	4,508,024	04/02/1985	Perkins, Gary M.			
	AC	4,893,609	01/16/1990	Giordani et al.			
	AD	5,535,733	07/10/1996	Hait, Paul W.			
	AE	6,125,838	10/03/2000	Hedgpeth, D. Ben,			
LS	AF	6,293,276	09/25/2001	Owens et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO		ABSTRACT
	AG	2 724 833	03/29/1996	France		X	Yes
	AH						
	AI						
	AJ						
	AK						
	AL						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	AM			

EXAMINER S-R	DATE CONSIDERED 4/20/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



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		FILING DATE October 20, 2003	GROUP ART UNIT 1761

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SO	AA	3,630,970	12/28/71	Nelson			
30	AB	1,673,296	6/12/28	McManus			
2	AC	3,154,004	10/27/64	Huck			
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
1	AG	1,096,730	12/29/67	Great Britain				
	AH							
	AI							
	AJ							
	AK							
	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TRANSLATION
YES NO

	AM			
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

APPLICATION NO.

1594.1292

10/687,603

FIRST NAMED INVENTOR

Dae-Sung HAN et al.

FILING DATE

October 20, 2003

GROUP ART UNIT

REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
SN	AA	5,189,945	03/02/1993	Hennick			
SN	AB	3,154,004	10/27/1964	Huck			
SN	AC	3,152,242	10/06/1964	De Mott			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
SN	AD	2 670 274	06/12/1992	France				
SN	AE	2 286 111	08/09/1995	Great Britain				

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
SN	AF	Patent Abstract of KR 16089 dated March 4, 2002		
	AG	Japanese Abstract 2001-120440 dated May 8, 2001		
	AH	Japanese Abstract 2000-254007 dated September 19, 2000		
	AI	Japanese Abstract 2000-166771 dated June 20, 2000		
SN	AJ	Japanese Abstract 03-026216 dated February 4, 1991		

EXAMINER

DATE CONSIDERED

J-R

4/20/04

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ATTACHMENT 1(F)



LIST OF COPENDING APPLICATIONS

ATTORNEY DOCKET NO.	APPLICATION NO.
1594.1292	10/687,603
FIRST NAMED INVENTOR	
Dae-Sung HAN et al.	
FILING DATE	GROUP ART UNIT
October 20, 2003	

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

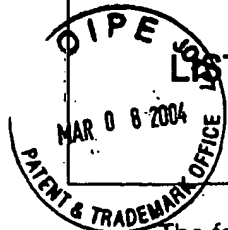
This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
M	1	10/736,836	12/17/03	HAN et al.	Samsung Electronics Co. Ltd
	2	10/659,380	09/11/03	HAN et al.	Samsung Electronics Co., Ltd.
	3	10/681,132	10/09/03	HAN et al.	Samsung Electronics Co., Ltd.
	4	10/681,136	10/09/03	HAN et al.	Samsung Electronics Co., Ltd.
	5	10/682,548	10/10/03	HAN et al.	Samsung Electronics Co., Ltd.
	6	10/689,746	10/22/03	HAN et al.	Samsung Electronics Co., Ltd.
	7	10/691,551	10/24/03	HAN et al.	Samsung Electronics Co., Ltd.
	8	10/705,893	11/13/03	HAN et al.	Samsung Electronics Co., Ltd.
	9	10/706,926	11/14/03	HAN et al.	Samsung Electronics Co., Ltd.
LN	10	10/731,159	11/17/03	HAN et al.	Samsung Electronics Co., Ltd

EXAMINER S-R	DATE CONSIDERED 4/10/06
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ATTACHMENT 1(g)

	LIST OF ADDITIONAL SUBMITTED DOCUMENTS		ATTORNEY DOCKET NO.	APPLICATION NO.	
			1594.1292	10/687,603	
	FIRST NAMED INVENTOR			Dae-Sung HAN et al.	
	FILING DATE	October 20, 2003		GROUP ART UNIT	

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U.S. PATENT DOCUMENTS

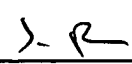
*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AC							
	AD							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

			TRANSLATION YES NO	
	AE	European Search Report from European Patent Office dated November 5, 2003		

EXAMINER 	DATE CONSIDERED 4/2/06
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	AG							
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	AL							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

h	AM	Japanese Patent Abstract Publication No. 11-267032, Published 10/05/99
h	AN	Korean Patent Abstract Publication No. 2002-16089, Published 03/04/02

EXAMINER S-R	DATE CONSIDERED 4h/06
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1253/8/04

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U.S. PATENT DOCUMENTS

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	AA	5,189,945	03/02/1993	Hennick			
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Duplicate of 105 3/2/04

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	Dae-Sung HAN et al.	
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	October 20, 2003	1781

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	7	10/691,551	10/24/03	HAN et al.	Samsung Electronics Co., Ltd.
	8	10/705,893	11/13/03	HAN et al.	Samsung Electronics Co., Ltd.
	9	10/706,926	11/14/03	HAN et al.	Samsung Electronics Co., Ltd.
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EXAMINER	DATE CONSIDERED
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